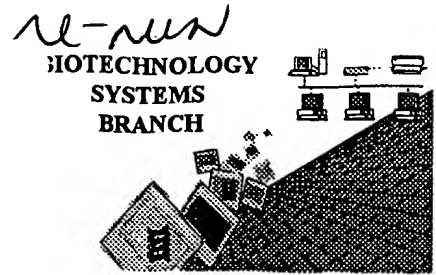


M. DAVIS



## RAW SEQUENCE LISTING ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 09/973,382B  
Source: OIPK  
Date Processed by STIC: 8/15/2003

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION AND PATENTIN SOFTWARE QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER VERSION 4.0 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:

<http://www.uspto.gov/web/offices/pac/checker>

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.

Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.

Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<<http://www.uspto.gov/ebc/efs/downloads/documents.htm>> , EFS Submission User Manual - ePAVE)
2. U.S. Postal Service: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450
3. Hand Carry directly to:  
U.S. Patent and Trademark Office, Technology Center 1600, Reception Area, 7<sup>th</sup> Floor, Examiner Name, Sequence Information, Crystal Mall One, 1911 South Clark Street, Arlington, VA 22202  
Or  
U.S. Patent and Trademark Office, Box Sequence, Customer Window, Lobby, Room 1B03, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202
4. Federal Express, United Parcel Service, or other delivery service to: U.S. Patent and Trademark Office, Box Sequence, Room 1B03-Mailroom, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202

Revised 04/24/2003



OIEP

## RAW SEQUENCE LISTING

DATE: 08/15/2003

PATENT APPLICATION: US/09/973,382B

TIME: 15:17:46

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Output Set: N:\CRF4\08152003\I973382B.raw

2 <110> APPLICANT: Heston, Warren D.W.  
 3 O'Keefe, Denise S.  
 5 <120> TITLE OF INVENTION: DNA Encoding the Prostate-Specific Membrane  
 6 Antigen-Like Gene and Uses Thereof  
 8 <130> FILE REFERENCE: D6230

C--&gt; 10 &lt;140&gt; CURRENT APPLICATION NUMBER: US/09/973,382B

11 &lt;141&gt; CURRENT FILING DATE: 2001-10-09

13 &lt;150&gt; PRIOR APPLICATION NUMBER: PCT/US00/09417

14 &lt;151&gt; PRIOR FILING DATE: 2000-04-09

16 &lt;160&gt; NUMBER OF SEQ ID NOS: 38

18 &lt;210&gt; SEQ ID NO: 1

19 &lt;211&gt; LENGTH: 1992

20 &lt;212&gt; TYPE: DNA

21 &lt;213&gt; ORGANISM: Homo sapiens

23 &lt;220&gt; FEATURE:

24 &lt;223&gt; OTHER INFORMATION: cDNA sequence of PSMA-like gene

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 29 gatgtccttt ttgttaggcc taatgacaaa aggttgaaga taaagttcta 150  
 30 gtactcattt aagtgtaatg ttgaaaattg atattaccaa atctggaaca 200  
 31 accaatttta aataaggaaa gaaagacact gtgttttcta ggtaaaaaat 250  
 32 gccacgtcgg cagggggccaa aggagtcatt ctctactcag accctgctga 300  
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Does Not Comply  
 Corrected Diskette Needed

P.3

## RAW SEQUENCE LISTING

DATE: 08/15/2003

PATENT APPLICATION: US/09/973,382B

TIME: 15:17:46

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Output Set: N:\CRF4\08152003\I973382B.raw

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55 atgctgtagt tttaagaaag tatgctgaca aaatctacaa tatttctatg 1450
56 aaacatccac aggaaatgaa gacatacagt ttatcatttg attcactttt 1500
57 ttctgcagta aaaaatttta cagaaattgc ttccaagtgc agcgagagac 1550
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59 caactcatgt ttctggaaag agcatttatt gatccattag ggttaccaga 1650
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64 cctaagagga ttctttagag actctgtatt gaatttgtgt ggtatgtcac 1900
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71 <212> TYPE: PRT
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74 <220> FEATURE:
75 <223> OTHER INFORMATION: deduced amino acid sequence of PSMA-like
76 protein
78 <400> SEQUENCE: 2
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83 Thr Gln Lys Val Lys Met His Ile His Ser Thr Asn Glu Val Thr
84 35 40 45
85 Arg Ile Tyr Asn Val Ile Gly Thr Leu Arg Gly Ala Val Glu Pro
86 50 55 60
87 Asp Arg Tyr Val Ile Leu Gly Gly His Arg Asp Ser Trp Val Phe
88 65 70 75
89 Gly Gly Ile Asp Pro Gln Ser Gly Ala Ala Val Val His Glu Thr
90 80 85 90
91 Val Arg Ser Phe Gly Thr Leu Lys Lys Glu Gly Trp Arg Pro Arg
92 95 100 105
93 Arg Thr Ile Leu Phe Ala Ser Trp Asp Ala Glu Glu Phe Gly Leu
94 110 115 120
95 Leu Gly Ser Thr Glu Trp Ala Glu Asp Asn Ser Arg Leu Leu Gln
96 125 130 135
97 Glu Arg Gly Val Ala Tyr Ile Asn Ala Asp Ser Ser Ile Glu Gly
98 140 145 150
99 Asn Tyr Thr Leu Arg Val Asp Cys Thr Pro Leu Met Tyr Ser Leu
100 155 160 165
101 Val Tyr Asn Leu Thr Lys Glu Leu Lys Ser Pro Asp Glu Gly Phe
102 170 175 180
103 Glu Gly Lys Ser Leu Tyr Glu Ser Trp Thr Lys Lys Ser Pro Ser
104 185 190 195
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## RAW SEQUENCE LISTING

DATE: 08/15/2003

PATENT APPLICATION: US/09/973,382B

TIME: 15:17:46

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Output Set: N:\CRF4\08152003\I973382B.raw

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108	215	220	225
109 Arg Ala Arg Tyr Thr Lys Asn Trp Glu Thr Asn Lys Phe Ser Gly			
110	230	235	240
111 Tyr Pro Leu Tyr His Ser Val Tyr Glu Thr Tyr Glu Leu Val Glu			
112	245	250	255
113 Lys Phe Tyr Asp Pro Met Phe Lys Tyr His Leu Thr Val Ala Gln			
114	260	265	270
115 Val Arg Gly Gly Met Val Phe Glu Leu Ala Asn Ser Ile Val Leu			
116	275	280	285
117 Pro Phe Asp Cys Arg Asp Tyr Ala Val Val Leu Arg Lys Tyr Ala			
118	290	295	300
119 Asp Lys Ile Tyr Asn Ile Ser Met Lys His Pro Gln Glu Met Lys			
120	305	310	315
121 Thr Tyr Ser Leu Ser Phe Asp Ser Leu Phe Ser Ala Val Lys Asn			
122	320	325	330
123 Phe Thr Glu Ile Ala Ser Lys Phe Ser Glu Arg Leu Gln Asp Phe			
124	335	340	345
125 Asp Lys Ser Asn Pro Ile Leu Leu Arg Met Met Asn Asp Gln Leu			
126	350	355	360
127 Met Phe Leu Glu Arg Ala Phe Ile Asp Pro Leu Gly Leu Pro Asp			
128	365	370	375
129 Arg Pro Phe Tyr Arg His Val Ile Tyr Ala Pro Ser Ser His Asn			
130	380	385	390
132 Lys Tyr Ala Gly Glu Ser Phe Pro Gly Ile Tyr Asp Ala Leu Phe			
133	395	400	405
134 Asp Ile Glu Ser Lys Val Asp Pro Ser Lys Ala Trp Gly Asp Val			
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142 &lt;210&gt; SEQ ID NO: 3

143 &lt;211&gt; LENGTH: 2653

144 &lt;212&gt; TYPE: DNA

145 &lt;213&gt; ORGANISM: Homo sapiens

147 &lt;220&gt; FEATURE:

148 &lt;223&gt; OTHER INFORMATION: nucleotide sequence of human PSMA gene

150 &lt;300&gt; PUBLICATION INFORMATION:

151 &lt;308&gt; DATABASE ACCESSION NO: GenBank Accession No. M99487

152 &lt;309&gt; DATABASE ENTRY DATE:

154 &lt;300&gt; PUBLICATION INFORMATION: 3

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→ <309> and response  
are mandatory  
whenever <308>  
has a response

## RAW SEQUENCE LISTING

DATE: 08/15/2003

PATENT APPLICATION: US/09/973,382B

TIME: 15:17:46

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Output Set: N:\CRF4\08152003\I973382B.raw

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163 atgaagctac taacattact ccaaagcata atatgaaagc atttttggat 450
164 gaattgaaag ctgagaacat caagaagttc ttatataatt ttacacagat 500
165 accacattta gcaggaacag aacaaaactt tcagcttgca aagcaaattc 550
166 aatcccagtg gaaagaattt ggcctggatt ctgttgagct agcacattat 600
167 gatgtcctgt tgcctacccc aaataagact catcccaact acatctcaat 650
168 aattaatgaa gatggaaatg agattttcaa cacatcatta tttgaaccac 700
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170 ttctctctc aaggaatgcc agagggcgat ctagtgtatg ttaactatgc 800
171 acgaactgaa gacttcttta aattggaacg ggacatgaaa atcaattgct 850
172 ctgggaaaat tgtaattgcc agatatggga aagttttcag aggaaataag 900
173 gttaaaaatg ccagctggc aggggccaaa ggagtcattc tctactccga 950
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## RAW SEQUENCE LISTING

DATE: 08/15/2003

PATENT APPLICATION: US/09/973,382B

TIME: 15:17:46

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225                      35                      40                      45
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227                      50                      55                      60
228 Phe Leu Asp Glu Leu Lys Ala Glu Asn Ile Lys Lys Phe Leu Tyr
229                      65                      70                      75
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231                      80                      85                      90
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233                      95                      100                     105
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237                      125                     130                     135
238 Asn Glu Ile Phe Asn Thr Ser Leu Phe Glu Pro Pro Pro Pro Gly
239                      140                     145                     150
240 Tyr Glu Asn Val Ser Asp Ile Val Pro Pro Phe Ser Ala Phe Ser
241                      155                     160                     165
242 Pro Gln Gly Met Pro Glu Gly Asp Leu Val Tyr Val Asn Tyr Ala
243                      170                     175                     180
244 Arg Thr Glu Asp Phe Phe Lys Leu Glu Arg Asp Met Lys Ile Asn
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246 Cys Ser Gly Lys Ile Val Ile Ala Arg Tyr Gly Lys Val Phe Arg
247                      200                     205                     210
248 Gly Asn Lys Val Lys Asn Ala Gln Leu Ala Gly Ala Lys Gly Val
249                      215                     220                     225
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VERIFICATION SUMMARY

DATE: 08/15/2003

PATENT APPLICATION: US/09/973,382B

TIME: 15:17:47

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Output Set: N:\CRF4\08152003\I973382B.raw

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L:154 M:256 W: Invalid Numeric Header Field, Identifier <309> Expected, SEQ:3